

U.S. Environmental Protection Agency



Chem-Fab Superfund Site

Priority Panel

March, 2013

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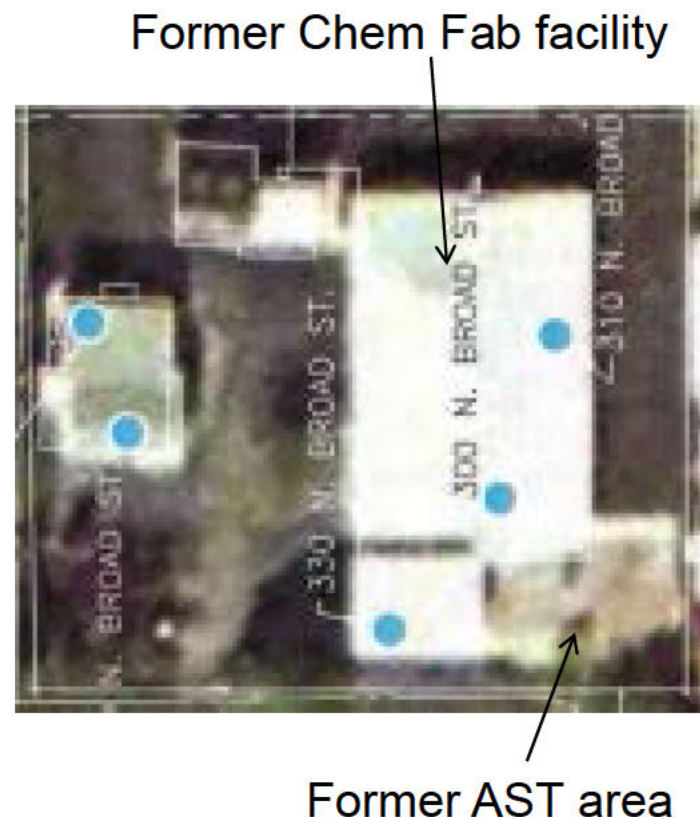
Remedial Project Manager – Region 3

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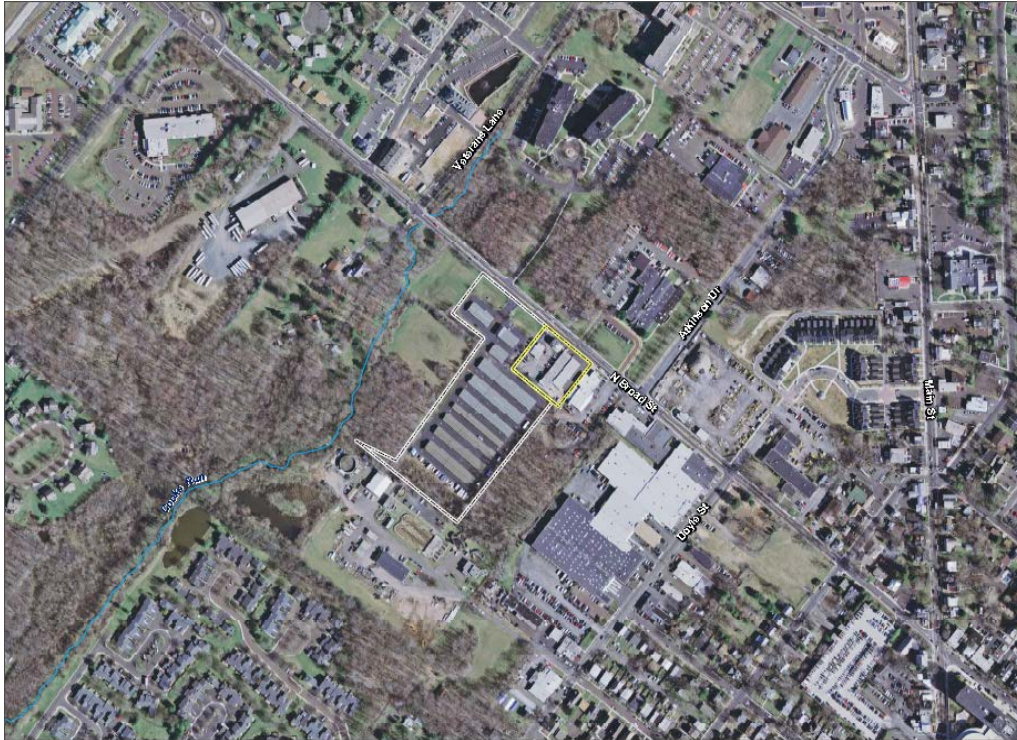
- **History**

- Former electroplating and metal etching facility (1960s to 1990s)
- Numerous citations for spills
- Also used for illegal waste disposal, meth lab
- Currently, commercial use with multiple offices

- **Major COCs: TCE, PCE, Cr(VI)**



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Surrounding Site Use:

- Drainage to Cooks Run
- Municipal Supply Well (MSW) #13 0.25 mile
- MSW #8 0.5 mile
- Residential properties 0.1 mile
- Elementary school 0.5 mile

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- **Removal Actions**

- 1987 - Provide Public Water to residents
- 1994 – Drum and UST removal
- 2012 – Carbon filters on HVAC to address VI

- **Remedial Investigation**

- 4000 mg/kg TCE, 781 mg/kg Cr(VI) in soil
- GW plume extends to MSW #8
- Surface water and sediment contamination in Cook's Run and surrounding wetlands

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- **Issues**

- MSW #13 shutdown due to contamination
- MSW #8 currently being impacted
- Vapor intrusion to commercial properties

- **Risk**

- Current/future risk for direct contact to soils
- Current/future risk for migration from soil to groundwater
- Current/future risk for vapor intrusion

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- **Interim Remedy Goals:**
 - Remove threat from direct contact to Soils
 - Remove source of ongoing GW contamination
 - Reduce future costs to address GW contamination
 - Reduce spread of GW plume
 - Remove source of vapor intrusion threat

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- **Interim Remedy for Source Area**
 - Excavate contaminated soil
 - Off-site disposal at appropriate RCRA facility
 - Backfill with clean soil
 - Dust suppression and air monitoring

